ABSTRACT OF THE DISCLOSURE

In one embodiment, a method comprises receiving a request for logging into an account on a web site from a web browser application. The method also comprises recursively performing the following until a user is logged into the account for the web site: saving the request into an instruction set file; transmitting the request for logging into the web site to a server that includes the web site; receiving a response from the web site; and transmitting a request that is in response to the response from the web site.